Textile Organon

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MONTHLY REVIEW

Highlights

June Shipments of Olefin Yarn+Monofilaments Top 64 Million Pounds . . . see page 140.

1983 World Production of Man-Made Fiber Rises to 31,096 Million Pounds . . . see page 124.

World Production of Cotton Falls to 32,022 Million Pounds in 1983 . . . see page 124.

Textile Organon Feature:

World Man-Made Fiber Survey in Millions of Pounds . . . begins on page 124.

A record was set in June as more pounds of olefin yarn+monofilaments were shipped than in any other month in history.

Nylon yarn shipments to the carpet trades fell for the second consecutive month as did shipments of nylon textile yarn.

Shipments of polyester industrial yarn fell in June and shipments of polyester textile yarn fell for the second straight month.

Nylon staple+tow shipments fell to the lowest monthly level of the year, but shipments of acrylic+modacrylic staple+tow rose in June.

Shipments of polyester staple+tow fell to the lowest level since January 1983, but shipments of olefin+vinyon staple+tow rose to a record level.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *Percent*

ITEM	1984 JUNE	1984 MAY	% [a]	1983 JUNE	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**18.0**	**20.3**	*-11.3*	**21.3**	*-15.5*	**110.6**	**111.0**	*-0.4*
NYLON[d] - INDUSTRIAL	32.5	32.4	*+0.3*	23.8	*+36.5*	189.1	145.3	*+30.1*
- LOW DENIER INDUSTRIAL	2.8	2.7	*+3.7*	3.0	*-6.7*	17.5	16.3	*+7.4*
- CARPET	61.3	70.4	*-12.9*	76.4	*-19.8*	402.1	352.7	*+14.0*
- TEXTILE	26.7	30.6	*-12.7*	32.5	*-17.8*	186.7	192.2	*-2.9*
POLYESTER - INDUSTRIAL	26.5	27.6	*-4.0*	29.0	*-8.6*	158.5	154.5	*+2.6*
- LOW DENIER INDUSTRIAL	2.2	2.0	*+10.0*	2.4	*-8.3*	12.5	12.7	*-1.6*
- TEXTILE	65.4	70.7	*-7.5*	85.9	*-23.9*	433.3	518.8	*-16.5*
OLEFIN	64.4	62.5	*+3.0*	63.9	*+0.8*	358.8	352.9	*+1.7*
TOTAL NONCELLULOSIC ABOVE	**281.8**	**298.9**	*-5.7*	**316.9**	*-11.1*	**1758.5**	**1745.4**	*+0.7*
STAPLE+TOW+FIBERFILL								
RAYON	**34.4**	**32.5**	*+5.8*	**35.6**	*-3.4*	**204.8**	**181.7**	*+12.7*
NYLON[d]	57.3	74.1	*-22.7*	87.8	*-34.7*	430.4	446.5	*-3.6*
ACRYLIC+MODACRYLIC	60.6	56.7	*+6.9*	56.7	*+6.9*	344.6	335.6	*+2.7*
POLYESTER	171.3	190.2	*-9.9*	192.3	*-10.9*	1109.3	1080.5	*+2.7*
OLEFIN+VINYON	21.4	19.9	*+7.5*	15.1	*+41.7*	119.0	86.4	*+37.7*
TOTAL NONCELLULOSIC ABOVE	**310.6**	**340.9**	*-8.9*	**351.9**	*-11.7*	**2003.3**	**1949.0**	*+2.8*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

JULY, 1984

A MONTHLY REVIEW

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Contents

Features

World Man-Made Fiber Survey (Million Pounds) 124-135
- World Production of Certain Fibers 124
- Noncellulosic Fiber Production & Producing Capacity by Fiber Except Olefin 125
- Noncellulosic Fiber Production & Producing Capacity by Country Except Olefin 126-129
- Cellulosic Fiber Production & Producing Capacity by Country Except Olefin 130-133
- Rayon Vs. Acetate Filament Yarn Production & Producing Capacity 134
- Glass Fiber Production & Producing Capacity 135
- Cigarette Tow Production 135
- Acetate Staple Production & Producing Capacity 135

U.S. Production of Hosiery 1970-1983 136

Industry Regulars

Total Man-Made Fiber Shipments 121

Datagram 123

Quarterly Man-Made Fiber Data
- U.S. Imports, Exports & Balance of Man-Made Fiber, Cotton & Wool Manufactures 137

Monthly U.S. Man-Made Fiber Imports 118-119
- By Country of Origin 138
- For Consumption 139

Selected U.S. Textile Fiber Data 140

DATAGRAM

Is the recovery slowing?

Since April, shipments of noncellulosic yarn + monofilaments and staple + tow have fallen dramatically. Shipments of nylon yarn and staple lead the decline. Reasons -

- Carpet shipments have weakened since the monthly high records in April.
- Nylon carpet yarn shipments have fallen nearly 11 million pounds.
- Nylon carpet staple shipments have fallen over 25 million pounds.

When compared to June 1983 levels -

- Nylon carpet yarn shipments are off nearly 20%.
- Nylon carpet staple shipments are off 35%.

Trade balance erodes further

The balance of trade for man-made fiber manufacturers eroded further during the first quarter of 1984 as the net import balance grew to 154.8 million pounds.
Major causes for the net import balance -

- Apparel imports grew to 167.6 million pounds, as compared to 133.2 million pounds during fourth quarter 1983 and 122.8 million pounds during first quarter 1983.
- Imports of home furnishings have grown steadily from the fourth quarter 1982 level of 16.0 million pounds to 43.0 million pounds in first quarter 1984.

Fiber imports on the rise

Imports of man-made fiber totaled 127.5 million pounds for the first five months of 1984. This compares to the 1983 January - May level of 74.7 million pounds.
Leading areas of growth for the first five months -

- Nylon yarn imports have grown from the equivalent 1983 level of 6.4 million pounds to 20.9 million pounds in 1984.
- Nylon staple + tow imports have grown to 24.2 million pounds in 1984, up from the January - May 1983 level of 18.1 million pounds.

European rationalization is a reality

In an effort to relieve long-term over capacity problems in Western Europe, the EEC (European Economic Community) has authorized 10 major man-made fiber producers to shut down 354,000 metric tons, or 18%, of their capacity by the end of 1985. (DNR, 6/10/84)

West European production of noncellulosic fibers increased nearly 6-1/2% in 1983, while capacity utilization stood at 79%.

This compares to the U.S. which in 1983 increased production nearly 16% and raised capacity utilization to 82.5%.

WORLD MAN-MADE FIBER SURVEY

Featured in this issue (pages 124-135) is our annual survey of the world man made fiber industry. The data presented here in ***million pounds*** represents a conversion of the tables in thousand metric tons found in the June ***Organon*** (Tables 1-9).

Historical world data for most of the tables contained here can be found in the January 1962 ***Textile Organon Base Book*** and in the June 1966 and 1970 and July 1979-1983 issues of the ***Organon***.

Once again we would like to acknowledge the more than 170 foreign man made fiber associations, producing companies and individuals, as well as the U.S. Foreign Service posts reporting through the Office of Textiles and Apparel, Domestic and International Business Administrations and the U.S. Department of Commerce without whose help and cooperation this annual world man made fiber survey would not have been possible.

TABLE 2:

WORLD PRODUCTION OF CERTAIN TEXTILE FIBERS

MILLION POUNDS & PERCENT

TYPE OF FIBER	1977	1978	1979	1980	1981	1982	1983
CELLULOSIC FIBERS (from page 91)							
YARN+MONOFILAMENTS	2584	2572	2594	2560	2435	2260	2289
STAPLE+TOW	4649	4736	4839	4588	4629	4225	4330
TOTAL CELLULOSIC	**7233**	**7308**	**7433**	**7148**	**7064**	**6485**	**6619**
NONCELLULOSIC FIBERS except Olefin (from page 87)							
YARN+MONOFILAMENTS	9508	10148	10779	10434	10601	9890	10730
STAPLE+TOW	10665	11973	12595	12662	13267	12465	13747
TOTAL NONCELL. ABOVE	**20173**	**22121**	**23374**	**23096**	**23868**	**22355**	**24477**
TOTAL MAN-MADE ABOVE	**27406**	**29429**	**30807**	**30244**	**30932**	**28840**	**31096**
% of World Total	*45*	*48*	*47*	*47*	*45*	*44*	*47*
NATURAL FIBERS							
RAW COTTON	30514	28433	31041	30845	33825	32277	32022
RAW WOOL	3280	3369	3474	3536	3582	3578	3541
RAW SILK	108	112	121	123	126	121	121
TOTAL NATURAL ABOVE	**33902**	**31914**	**34636**	**34504**	**37533**	**35976**	**35684**
% of World Total	*55*	*52*	*53*	*53*	*55*	*56*	*53*
WORLD TOTAL ABOVE	**61308**	**61343**	**65443**	**64748**	**68465**	**64816**	**66780**
World Total %	*100*	*100*	*100*	*100*	*100*	*100*	*100*

The silk and man-made fiber data are on a calendar-year basis, while the figures for cotton and wool are on a seasonal basis.

MAN-MADE FIBERS: Data are from pages 129 and 133, as noted. Glass fiber and olefin production are not included.

COTTON: International Cotton Advisory Committee. Also see December 1983 *Organon*.

WOOL: Commonwealth Secretariat & The Wool Bureau, Inc. The data are on a scoured basis. Also see the December 1983 *Organon* issue.

SILK: International Silk Association; Food and Agriculture Organization of the United Nations.

TABLE 3: WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY FIBER EXCEPT OLEFIN

MILLION POUNDS

FIBER & AREA	ACTUAL PRODUCTION																					PRODUCING CAPACITY					
	1977			1978			1979			1980			1981			1982			1983			1984			1985		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
ACRYLIC+MODACRYLIC																											
West Europe	+	1493	1493	+	1751	1751	+	1753	1753	+	1625	1625	+	1779	1779	0	1660	1660	0	1876	1876	+	2238	2238	+	2196	2196
East Europe	0	406	406	0	441	441	0	470	470	0	478	478	0	465	465	0	461	461	0	485	485	0	620	620	0	730	730
U.S.A.	0	710	710	0	725	725	0	761	761	0	783	783	0	690	690	0	624	624	0	670	670	0	805	805	0	809	809
Other Americas	0	181	181	0	216	216	0	238	238	0	251	251	0	234	234	0	267	267	0	287	287	0	359	359	0	403	403
Japan	7	739	746	7	816	823	9	783	792	7	771	778	2	765	767	7	758	765	4	783	787	13	869	882	13	869	882
Other A. A. & O.	0	412	412	0	500	500	0	549	549	0	626	626	0	672	672	0	767	767	0	805	805	0	1043	1043	0	1146	1146
TOTAL	**7**	**3941**	**3948**	**7**	**4449**	**4456**	**9**	**4554**	**4563**	**7**	**4534**	**4541**	**2**	**4605**	**4607**	**7**	**4537**	**4544**	**4**	**4906**	**4910**	**13**	**5934**	**5947**	**13**	**6153**	**6166**
NYLON+ARAMID[a]																											
West Europe	1248	269	1517	1248	331	1579	1259	326	1585	1149	282	1431	1149	284	1433	1045	236	1281	1076	262	1338	1393	375	1768	1437	362	1799
East Europe	869	68	937	893	68	961	913	68	981	1016	121	1137	1001	174	1175	1014	183	1197	1072	183	1255	1468	207	1675	1530	207	1737
U.S.A.	1512	814	2326	1653	897	2550	1781	939	2720	1631	728	2359	1581	752	2333	1241	686	1927	1493	926	2419	1861	1045	2906	1900	1127	3027
Other Americas	384	44	428	412	49	461	452	51	503	459	51	510	399	44	443	388	46	434	403	49	452	655	82	737	664	82	746
Japan	644	35	679	646	35	681	653	38	691	661	40	701	622	42	664	584	42	626	597	40	637	703	53	756	703	53	756
Other A. A. & O.	584	7	591	681	7	688	732	7	739	805	4	809	866	7	873	849	7	856	893	9	902	1343	22	1365	1543	22	1565
TOTAL	**5241**	**1237**	**6478**	**5533**	**1387**	**6920**	**5790**	**1429**	**7219**	**5721**	**1226**	**6947**	**5618**	**1303**	**6921**	**5121**	**1200**	**6321**	**5534**	**1469**	**7003**	**7423**	**1784**	**9207**	**7777**	**1853**	**9630**
POLYESTER																											
West Europe	809	902	1711	866	946	1812	897	981	1878	792	897	1689	833	990	1823	858	966	1824	847	1012	1859	1113	1285	2398	1111	1321	2432
East Europe	207	642	849	247	670	917	260	679	939	298	708	1006	291	736	1027	324	754	1078	366	807	1173	505	1173	1678	631	1310	1941
U.S.A.	1592	2050	3642	1565	2236	3801	1717	2463	4180	1462	2526	3988	1570	2606	4176	1213	1955	3168	1360	2185	3545	1508	2784	4292	1517	2804	4321
Other Americas	423	265	688	432	295	727	472	362	834	492	366	858	463	359	822	419	353	772	445	392	837	664	540	1204	723	593	1316
Japan	613	648	1261	701	703	1404	692	701	1393	672	708	1380	683	708	1391	692	692	1384	683	706	1389	908	769	1677	908	769	1677
Other A. A. & O.	518	811	1329	708	1102	1810	851	1226	2077	902	1481	2383	1056	1753	2809	1175	1801	2976	1430	2057	3487	1971	2855	4826	2154	3697	5851
TOTAL	**4162**	**5318**	**9480**	**4519**	**5952**	**10471**	**4889**	**6412**	**11301**	**4618**	**6686**	**11304**	**4896**	**7152**	**12048**	**4681**	**6521**	**11202**	**5131**	**7159**	**12290**	**6669**	**9406**	**16075**	**7044**	**10494**	**17538**
OTHER FIBERS[b] EXCEPT OLEFIN																											
West Europe	9	22	31	7	20	27	11	24	35	13	24	37	13	15	28	13	20	33	13	20	33	18	27	45	18	26	44
East Europe	20	11	31	20	15	35	11	15	26	+	9	9	2	7	9	2	7	9	+	7	7	2	18	20	2	18	20
U.S.A.	15	2	17	16	2	18	18	2	20	20	+	20	22	2	24	18	2	20	+	+	+	31	+	31	31	+	31
Other Americas	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2
Japan	38	99	137	33	93	126	38	93	131	40	95	135	31	73	104	31	68	99	31	62	93	62	227	289	62	227	289
Other A. A. & O.	14	35	49	11	55	66	11	66	77	13	88	101	15	110	125	15	110	125	15	124	139	33	143	176	33	143	176
TOTAL	**98**	**169**	**267**	**89**	**185**	**274**	**91**	**200**	**291**	**88**	**216**	**304**	**85**	**207**	**292**	**81**	**207**	**288**	**61**	**213**	**274**	**148**	**415**	**563**	**148**	**414**	**562**
TOTAL FIBERS ABOVE																											
West Europe	2066	2686	4752	2121	3048	5169	2167	3084	5251	1954	2828	4782	1995	3068	5063	1916	2882	4798	1936	3170	5106	2524	3925	6449	2566	3905	6471
East Europe	1096	1127	2223	1160	1194	2354	1184	1232	2416	1314	1316	2630	1294	1382	2676	1340	1405	2745	1438	1482	2920	1975	2018	3993	2163	2265	4428
U.S.A.	3119	3576	6695	3234	3860	7094	3516	4165	7681	3113	4037	7150	3173	4050	7223	2472	3267	5739	2853	3781	6634	3400	4634	8034	3448	4740	8188
Other Americas	809	490	1299	846	560	1406	926	651	1577	953	668	1621	864	637	1501	809	666	1475	850	728	1578	1321	981	2302	1389	1078	2467
Japan	1302	1521	2823	1387	1647	3034	1392	1615	3007	1380	1614	2994	1338	1588	2926	1314	1560	2874	1315	1591	2906	1686	1918	3604	1686	1918	3604
Other A. A. & O.	1116	1265	2381	1400	1664	3064	1594	1848	3442	1720	2199	3919	1937	2542	4479	2039	2685	4724	2338	2995	5333	3347	4063	7410	3730	5008	8738
WORLD TOTAL	**9508**	**10665**	**20173**	**10148**	**11973**	**22121**	**10779**	**12595**	**23374**	**10434**	**12662**	**23096**	**10601**	**13267**	**23868**	**9890**	**12485**	**22355**	**10730**	**13747**	**24477**	**14253**	**17539**	**31792**	**14982**	**18914**	**33896**

Y means yarn+monofilaments. **S** means staple+tow+fiberfill. The regional totals here are the same as those on pages 84-86.

a. U.S.A. nylon producing capacity data do not include aramid.

b. Other fibers are alginate, azlon, spandex or elastomer, saran, TFE-fluorocarbon, vinal and vinyon. U.S.A. production data do not include spandex in 1983.

TABLE 4A: WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY EXCEPT OLEFIN

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1977			1978			1979			1980		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE												
Austria	0	57.1	57.1	0	67.0	67.0	0	64.6	64.6	0	56.0	56.0
Benelux[a]	187.8	119.5	307.3	208.6	105.9	314.5	209.9	89.0	298.9	159.7	71.4	231.1
Eire (Ireland)	5.3	27.6	32.9	18.3	57.4	75.7	23.8	70.5	94.3	22.0	69.9	91.9
Finland	0.9	0	0.9	1.1	0	1.1	0.9	0	0.9	0.9	0	0.9
France	221.1	316.5	537.6	202.0	341.2	543.2	173.5	320.3	493.8	145.0	279.3	424.3
West Germany	716.7	805.0	1521.7	718.5	889.5	1608.0	745.3	929.3	1674.6	702.5	888.1	1590.6
Greece	17.0	16.5	33.5	18.6	17.4	36.0	20.3	20.9	41.2	19.8	22.0	41.8
Italy/Malta	261.0	466.7	727.7	259.7	521.6	781.3	279.1	515.1	794.2	277.6	506.8	784.4
Portugal	3.3	36.6	39.9	3.5	57.9	61.4	3.7	64.5	68.2	3.1	70.7	73.8
Spain	121.7	230.6	352.3	133.8	284.8	418.6	158.2	311.7	469.9	145.3	301.3	446.6
Switzerland	108.0	63.3	171.3	109.6	73.8	183.4	108.4	66.1	174.5	133.8	52.2	186.0
Turkey	33.1	144.4	177.5	48.5	133.6	182.1	66.1	169.8	235.9	63.9	154.3	218.2
United Kingdom	389.8	401.5	791.3	398.6	496.7	895.3	377.9	462.3	840.2	279.8	356.5	636.3
Total Western Europe	**2065.7**	**2685.3**	**4751.0**	**2120.8**	**3046.8**	**5167.6**	**2167.1**	**3084.1**	**5251.2**	**1953.4**	**2828.5**	**4781.9**
EASTERN EUROPE												
Albania	0	0	0	0	0	0	0	0	0	0	0	0
Bulgaria	27.4	69.6	97.0	28.6	72.6	101.2	28.6	77.1	105.7	36.1	81.4	117.5
Czechoslovakia	101.3	50.9	152.2	108.0	55.1	163.1	110.2	48.5	158.7	117.2	49.4	166.6
Germany, D.R.	116.7	156.8	273.5	117.9	163.1	281.0	120.4	171.7	292.1	123.5	179.6	303.1
Hungary	7.0	28.9	35.9	7.3	33.9	41.2	7.0	32.6	39.6	12.8	32.4	45.2
Poland	179.0	144.6	323.6	187.9	147.3	335.2	192.7	145.3	338.0	205.0	150.0	355.0
Romania	63.9	209.7	273.6	66.1	220.4	286.5	77.0	231.5	308.5	70.8	227.1	297.9
U.S.S.R.	584.2	421.2	1005.4	606.3	440.7	1047.0	601.7	448.5	1050.2	700.0	508.1	1208.1
Yugoslavia	16.1	44.8	60.9	37.5	61.7	99.2	46.2	77.1	123.3	48.5	88.2	136.7
Total Eastern Europe	**1095.6**	**1126.5**	**2222.1**	**1159.6**	**1194.8**	**2354.4**	**1183.8**	**1232.3**	**2416.1**	**1313.9**	**1316.2**	**2630.1**
TOTAL EUROPE	**3161.3**	**3811.8**	**6973.1**	**3280.4**	**4241.6**	**7522.0**	**3350.9**	**4316.4**	**7667.3**	**3267.3**	**4144.7**	**7412.0**

Y means yarn+monofilaments.
S means staple+tow+fiberfill.
a. Includes Belgium, Netherlands and Luxembourg.

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1981			1982			1983			1984			1985		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
0	41.1	41.1	0	39.7	39.7	0	39.7	39.7	*0*	*46.3*	*46.3*	*0*	*46.3*	*46.3*
177.3	55.7	233.0	155.6	42.3	197.9	136.7	46.9	183.6	*185.4*	*88.2*	*273.6*	*200.7*	*110.2*	*310.9*
33.1	69.0	102.1	27.1	61.7	88.8	24.2	70.5	94.7	*30.9*	*98.1*	*129.0*	*30.8*	*98.1*	*128.9*
1.1	0	1.1	1.1	0	1.1	1.1	0	1.1	*1.3*	*0*	*1.3*	*1.3*	*0*	*1.3*
146.5	297.2	443.7	142.9	276.1	419.0	139.5	297.8	437.3	*189.6*	*348.3*	*537.9*	*189.5*	*293.2*	*482.7*
707.0	951.2	1658.2	714.4	832.1	1546.5	732.3	938.0	1670.3	*861.1*	*945.9*	*1807.0*	*861.1*	*945.8*	*1806.9*
19.8	19.6	39.4	18.7	20.5	39.2	19.8	22.0	41.8	*39.0*	*26.5*	*65.5*	*39.0*	*26.5*	*65.5*
328.6	631.2	959.8	327.9	616.3	944.2	314.1	688.7	1002.8	*420.0*	*924.8*	*1344.8*	*409.3*	*847.8*	*1257.1*
2.4	74.8	77.2	2.0	83.8	85.8	6.6	86.0	92.6	*15.4*	*94.8*	*110.2*	*33.1*	*108.0*	*141.1*
159.5	372.4	531.9	162.2	346.7	508.9	142.6	364.2	506.8	*220.7*	*489.4*	*710.1*	*220.6*	*489.4*	*710.0*
125.9	61.4	187.3	117.8	59.5	177.3	136.5	67.2	203.7	*162.0*	*68.3*	*230.3*	*168.6*	*68.3*	*236.9*
71.4	168.1	239.5	99.4	198.8	298.2	105.9	223.7	329.6	*149.7*	*297.7*	*447.4*	*167.5*	*374.9*	*542.4*
222.5	327.1	549.6	146.7	303.8	450.5	176.4	325.5	501.9	*249.1*	*496.0*	*745.1*	*244.6*	*496.0*	*740.6*
1995.1	**3068.8**	**5063.9**	**1915.8**	**2881.3**	**4797.1**	**1935.7**	**3170.2**	**5105.9**	***2524.2***	***3924.3***	***6448.5***	***2566.1***	***3904.5***	***6470.6***
0	0	0	0	0	0	0	0	0	*0*	*0*	*0*	*0*	*22.0*	*22.0*
38.6	86.0	124.6	38.7	77.2	115.9	40.6	92.5	133.1	*43.0*	*136.7*	*179.7*	*43.0*	*147.7*	*190.7*
115.7	82.7	198.4	143.3	81.6	224.9	147.5	83.6	231.1	*156.6*	*116.7*	*273.3*	*156.5*	*116.8*	*273.3*
123.5	172.9	296.4	121.3	173.9	295.2	136.5	180.6	317.1	*166.3*	*208.4*	*374.7*	*187.4*	*209.4*	*396.8*
15.4	31.6	47.0	16.9	28.0	44.9	16.7	29.1	45.8	*19.8*	*61.7*	*81.5*	*19.8*	*94.8*	*114.6*
173.5	88.7	262.2	166.3	117.0	283.3	188.3	137.1	325.4	*247.9*	*188.6*	*436.5*	*268.9*	*189.7*	*458.6*
87.1	253.4	340.5	86.1	246.8	332.9	92.4	251.1	343.5	*143.4*	*317.4*	*460.8*	*143.3*	*317.5*	*460.8*
687.4	576.4	1263.8	719.2	590.6	1309.8	760.4	610.5	1370.9	*1101.1*	*816.8*	*1917.9*	*1235.8*	*973.2*	*2209.0*
52.9	90.5	143.4	48.6	89.3	137.9	55.0	97.0	152.0	*97.1*	*170.8*	*267.9*	*108.0*	*192.9*	*300.9*
1294.1	**1382.2**	**2676.3**	**1340.4**	**1404.4**	**2744.8**	**1437.4**	**1481.5**	**2918.9**	***1975.2***	***2017.1***	***3992.3***	***2162.7***	***2264.0***	***4426.7***
3289.2	**4451.0**	**7740.2**	**3256.2**	**4285.7**	**7541.9**	**3373.1**	**4651.7**	**8024.8**	***4499.4***	***5941.4***	***10440.8***	***4728.8***	***6168.5***	***10897.3***

TABLE 4B: WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITYBY COUNTRY EXCEPT OLEFIN (continued)

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1977			1978			1979			1980		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	**3119.5**	**3575.9**	**6695.4**	**3234.2**	**3860.3**	**7094.5**	**3516.3**	**4164.5**	**7680.8**	**3113.0**	**4036.6**	**7149.6**
OTHER AMERICAS												
Argentina	53.8	34.8	88.6	49.0	37.6	86.6	65.2	49.7	114.9	47.1	28.5	75.6
Bolivia	0	0	0	0	0	0	0	0	0	0	0	0
Brazil	210.7	141.5	352.2	233.1	164.3	397.4	270.0	201.4	471.4	300.8	209.5	510.3
Canada	152.7	95.8	248.5	159.3	112.4	271.7	161.1	106.8	267.9	163.2	105.9	269.1
Chile	8.8	4.7	13.5	9.8	3.4	13.2	11.0	5.2	16.2	11.1	5.6	16.7
Colombia	72.1	13.4	85.5	73.2	17.4	90.6	63.2	17.5	80.7	62.3	24.0	86.3
Costa Rica	+	0	+	4.4	0	4.4	4.4	0	4.4	6.7	0	6.7
Ecuador	5.1	0	5.1	5.6	0	5.6	7.5	0	7.5	7.8	0	7.8
Guatemala	0	0	0	0	0	0	+	0	+	0	0	0
Mexico	265.4	144.5	409.9	272.0	167.4	439.4	300.0	205.0	505.0	302.2	225.8	528.0
Peru	12.3	42.2	54.5	12.4	45.3	57.7	15.3	46.2	61.5	23.2	49.7	72.9
Uruguay	2.4	+	2.4	2.4	+	2.4	2.4	5.3	7.7	2.4	5.7	8.1
Venezuela	25.8	12.5	38.3	25.4	12.2	37.6	25.8	13.3	39.1	25.5	13.2	38.7
Total Other Americas	**809.1**	**489.4**	**1298.5**	**846.6**	**560.0**	**1406.6**	**925.9**	**650.4**	**1576.3**	**952.3**	**667.9**	**1620.2**
JAPAN	**1300.7**	**1521.1**	**2821.8**	**1386.6**	**1646.8**	**3033.4**	**1391.2**	**1613.9**	**3005.1**	**1380.1**	**1613.8**	**2993.9**
OTHER AFRICA, ASIA & OCEANIA												
Australia/N.Z.	38.6	2.6	41.2	39.9	2.4	42.3	36.2	1.1	37.3	26.4	+	26.4
Bangladesh	0.7	0	0.7	1.1	0	1.1	0.4	0	0.4	0.7	0	0.7
China, People's Republic of	39.7	92.6	132.3	66.1	235.0	301.1	79.4	282.3	361.7	94.8	452.0	546.8
Egypt	1.8	0.9	2.7	1.8	0.9	2.7	3.3	0.9	4.2	4.0	11.2	15.2
India	56.4	47.6	104.0	72.3	56.6	128.9	78.7	61.3	140.0	87.6	67.9	155.5
Indonesia	38.1	82.0	120.1	46.9	100.1	147.0	50.0	110.9	160.9	91.6	118.9	210.5
Iran	18.6	0	18.6	19.9	+	19.9	11.0	0	11.0	13.3	0	13.3
Israel	12.8	12.4	25.2	19.7	13.6	33.3	21.7	14.1	35.8	23.2	14.6	37.8
Kenya	0	0	0	0	0	0	+	0	+	2.3	0	2.3
Korea, Republic of	358.2	413.2	771.4	458.7	494.8	953.5	522.8	529.3	1052.1	562.7	619.9	1182.6
Malaysia	0	66.2	66.2	0	72.6	72.6	0	77.1	77.1	0	79.5	79.5
Nigeria	0	+	+	+	6.6	6.6	6.6	8.8	15.4	5.6	5.6	11.2
Pakistan	4.8	0	4.8	4.3	0	4.3	4.4	0	4.4	3.4	0	3.4
Philippines	32.8	17.3	50.1	35.3	18.8	54.1	55.0	25.6	80.6	66.2	30.9	97.1
South Africa	56.6	29.8	86.4	64.8	36.4	101.2	71.0	43.0	114.0	73.9	44.2	118.1
Sri Lanka	0	0	0	0	0	0	0	0	0	0	0	0
Taiwan	386.6	416.8	803.4	492.7	530.6	1023.3	566.0	583.1	1149.1	583.4	646.4	1229.8
Tanzania	0	0	0	0	0	0	0	0	0	0	0	0
Thailand	69.8	84.1	153.9	76.5	96.1	172.6	87.5	110.0	197.5	80.6	109.1	189.7
Total Other A.,A. & O.	**1115.5**	**1265.5**	**2381.0**	**1400.0**	**1664.5**	**3064.5**	**1594.0**	**1847.5**	**3441.5**	**1719.7**	**2200.2**	**3919.9**
WORLD TOTAL	**9506.1**	**10663.7**	**20169.8**	**10147.8**	**11973.2**	**22121.0**	**10778.3**	**12592.7**	**23371.0**	**10432.2**	**12663.2**	**23095.4**

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1981			1982			1983			1984			1985		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
3172.5	**4049.8**	**7222.3**	**2472.0**	**3267.2**	**5739.2**	**2852.7**	**3780.9**	**6633.6**	***3399.6***	***4634.1***	***8033.7***	***3448.0***	***4740.0***	***8188.0***
35.1	18.3	53.4	40.0	26.2	66.2	53.4	35.3	88.7	*101.9*	*66.1*	*168.0*	*101.8*	*66.2*	*168.0*
0	0	0	2.2	0	2.2	4.4	0	4.4	*11.0*	*0*	*11.0*	*11.0*	*0*	*11.0*
253.3	191.4	444.7	255.9	181.0	436.9	233.0	175.7	408.7	*355.5*	*245.4*	*600.9*	*355.7*	*245.4*	*601.1*
145.1	88.2	233.3	114.8	99.1	213.9	130.6	116.9	247.5	*203.5*	*147.8*	*351.3*	*210.2*	*170.0*	*380.2*
11.0	5.5	16.5	10.1	1.8	11.9	10.4	2.2	12.6	*23.5*	*11.0*	*34.5*	*23.6*	*13.2*	*36.8*
72.1	24.7	96.8	57.4	26.5	83.9	61.7	26.5	88.2	*98.1*	*33.1*	*131.2*	*133.8*	*33.1*	*166.9*
6.8	0	6.8	7.7	0	7.7	7.7	0	7.7	*17.6*	*0*	*17.6*	*17.6*	*0*	*17.6*
7.5	0	7.5	8.8	0	8.8	8.8	0	8.8	*15.4*	*0*	*15.4*	*15.4*	*16.1*	*31.5*
0	0	0	0	0	0	0	0	0	*4.4*	*0*	*4.4*	*4.4*	*0*	*4.4*
293.0	244.7	537.7	269.2	253.4	522.6	291.3	289.0	580.3	*423.4*	*379.8*	*803.2*	*447.3*	*423.9*	*871.2*
22.1	46.5	68.6	22.9	64.8	87.7	25.4	64.9	90.3	*35.3*	*72.9*	*108.2*	*35.3*	*84.0*	*119.3*
1.9	4.6	6.5	2.0	5.1	7.1	2.9	8.2	11.1	*3.7*	*7.7*	*11.4*	*3.7*	*8.8*	*12.5*
16.3	13.2	29.5	18.1	7.9	26.0	21.4	8.8	30.2	*27.3*	*17.2*	*44.5*	*29.1*	*17.4*	*46.5*
864.2	**637.1**	**1501.3**	**809.1**	**665.8**	**1474.9**	**851.0**	**727.5**	**1578.5**	***1320.6***	***981.0***	***2301.6***	***1388.9***	***1078.1***	***2467.0***
1338.2	**1587.4**	**2925.6**	**1313.9**	**1560.8**	**2874.7**	**1316.1**	**1589.5**	**2905.6**	***1686.5***	***1918.0***	***3604.5***	***1686.5***	***1918.0***	***3604.5***
22.0	0	22.0	32.0	0	32.0	32.0	2.2	34.2	*58.4*	*3.3*	*61.7*	*58.4*	*3.3*	*61.7*
0.4	0	0.4	0.4	0	0.4	0.4	11.0	11.4	*2.0*	*79.4*	*81.4*	*2.0*	*79.4*	*81.4*
121.4	643.6	765.0	147.7	665.8	813.5	165.6	716.5	882.1	*480.4*	*1234.6*	*1715.0*	*552.2*	*1730.6*	*2282.8*
4.4	11.0	15.4	7.3	23.4	30.7	7.7	27.8	35.5	*19.8*	*76.3*	*96.1*	*19.8*	*149.0*	*168.8*
112.4	87.7	200.1	136.7	97.4	234.1	192.2	89.1	281.3	*220.5*	*199.5*	*420.0*	*336.2*	*357.4*	*693.6*
102.5	121.4	223.9	134.3	121.7	256.0	154.3	151.0	305.3	*176.4*	*176.4*	*352.8*	*176.4*	*246.9*	*423.3*
22.0	22.0	44.0	28.7	33.1	61.8	39.8	48.5	88.3	*78.6*	*83.1*	*161.7*	*114.0*	*83.1*	*197.1*
23.1	15.0	38.1	25.4	15.4	40.8	25.7	15.4	41.1	*35.3*	*16.5*	*51.8*	*35.3*	*16.5*	*51.8*
2.2	0	2.2	2.2	0	2.2	6.8	0	6.8	*24.2*	*11.9*	*36.1*	*24.2*	*11.9*	*36.1*
627.1	719.5	1346.6	664.4	685.6	1350.0	741.6	723.2	1464.8	*811.3*	*810.3*	*1621.6*	*857.7*	*810.2*	*1667.9*
0	77.2	77.2	0	70.5	70.5	0	77.2	77.2	*0*	*82.7*	*82.7*	*0*	*82.7*	*82.7*
5.9	8.8	14.7	2.6	2.4	5.0	5.5	5.5	11.0	*11.0*	*11.0*	*22.0*	*11.0*	*11.0*	*22.0*
3.3	0	3.3	11.2	15.2	26.4	16.5	22.0	38.5	*31.7*	*52.9*	*84.6*	*60.6*	*52.9*	*113.5*
70.5	30.9	101.4	77.2	33.1	110.3	81.6	35.3	116.9	*94.7*	*39.7*	*134.4*	*94.8*	*39.7*	*134.5*
71.9	44.1	116.0	77.2	44.1	121.3	79.4	46.3	125.7	*94.7*	*48.5*	*143.2*	*112.4*	*66.1*	*178.5*
1.8	0	1.8	2.2	0	2.2	2.2	0	2.2	*6.0*	*0*	*6.0*	*5.9*	*0*	*5.9*
657.6	636.7	1294.3	619.0	771.8	1390.8	712.9	912.7	1625.6	*1029.1*	*993.1*	*2022.2*	*1095.2*	*1124.1*	*2219.3*
0	0	0	2.2	0	2.2	4.4	0	4.4	*11.0*	*0*	*11.0*	*11.0*	*0*	*11.0*
89.3	124.1	213.4	68.6	105.8	174.4	70.5	110.2	180.7	*161.5*	*143.9*	*305.4*	*163.1*	*144.0*	*307.1*
1937.8	**2542.0**	**4479.8**	**2039.3**	**2685.3**	**4724.6**	**2339.1**	**2993.9**	**5333.0**	***3346.6***	***4063.1***	***7409.7***	***3730.2***	***5008.8***	***8739.0***
10601.9	**13267.3**	**23869.2**	**9889.8**	**12464.8**	**22354.6**	**10732.0**	**13743.5**	**24475.5**	***14252.7***	***17537.6***	***31790.3***	***14982.4***	***18913.3***	***33895.7***

TABLE 5A: WORLD CELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1977			1978			1979			1980		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE												
Austria	27.8	198.9	226.7	24.9	211.6	236.5	26.5	217.8	244.3	33.7	221.8	255.5
Belgium/Netherlands	79.8	50.7	130.5	79.4	52.0	131.4	79.6	59.3	138.9	82.4	48.5	130.9
Finland	2.6	87.7	90.3	2.6	94.4	97.0	2.6	105.8	108.4	1.3	104.1	105.4
France	45.8	133.8	179.6	42.5	121.7	164.2	40.8	129.9	170.7	36.2	109.3	145.5
West Germany	140.4	101.4	241.8	131.6	108.0	239.6	128.1	110.2	238.3	143.7	101.4	245.1
Greece	15.9	0	15.9	15.9	0	15.9	15.9	0	15.9	15.9	0	15.9
Italy	97.9	137.3	235.2	86.6	103.4	190.0	84.7	86.0	170.7	80.7	60.6	141.3
Norway	0	54.2	54.2	0	62.6	62.6	0	64.6	64.6	0	62.6	62.6
Portugal	5.7	3.1	8.8	4.6	2.6	7.2	5.5	3.7	9.2	6.0	1.5	7.5
Spain	33.1	95.0	128.1	30.4	102.7	133.1	27.8	99.9	127.7	28.2	88.4	116.6
Sweden	0	72.9	72.9	0	81.3	81.3	0	81.3	81.3	0	76.9	76.9
Switzerland	10.4	0	10.4	9.0	0	9.0	7.3	0	7.3	4.0	0	4.0
Turkey	0.7	8.8	9.5	0.7	8.8	9.5	0.7	13.2	13.9	0.7	11.0	11.7
United Kingdom	138.0	250.4	388.4	131.6	274.3	405.9	130.5	306.9	437.4	80.9	241.0	321.9
Total Western Europe	**598.1**	**1194.2**	**1792.3**	**559.8**	**1223.4**	**1783.2**	**550.0**	**1278.6**	**1828.6**	**513.7**	**1127.1**	**1640.8**
EASTERN EUROPE												
Bulgaria	6.6	56.7	63.3	7.0	61.3	68.3	7.1	66.1	73.2	7.3	72.7	80.0
Czechoslovakia	48.5	111.5	160.0	47.4	109.1	156.5	48.5	79.4	127.9	43.7	76.9	120.6
Germany, D.R.	79.4	288.8	368.2	75.0	284.8	359.8	77.2	286.6	363.8	80.5	291.0	371.5
Hungary	0	20.0	20.0	0	19.8	19.8	0	19.0	19.0	0	19.8	19.8
Poland	63.0	147.9	210.9	61.7	144.2	205.9	60.0	124.8	184.8	56.0	134.5	190.5
Romania	19.8	111.1	130.9	20.9	116.8	137.7	21.4	121.2	142.6	20.9	119.0	139.9
U.S.S.R.	650.4	736.3	1386.7	661.4	738.5	1399.9	657.0	742.9	1399.9	672.4	760.6	1433.0
Yugoslavia	32.8	123.4	156.2	33.1	125.7	158.8	34.2	127.9	162.1	33.1	127.9	161.0
Total Eastern Europe	**900.5**	**1595.7**	**2496.2**	**906.5**	**1600.2**	**2506.7**	**905.4**	**1567.9**	**2473.3**	**913.9**	**1602.4**	**2516.3**
TOTAL EUROPE	**1498.6**	**2789.9**	**4288.5**	**1466.3**	**2823.6**	**4289.9**	**1455.4**	**2846.5**	**4301.9**	**1427.6**	**2729.5**	**4157.1**

Y means yarn+monofilaments.

S means staple+tow+fiberfill.

These totals do not include data for the Indonesian pilot plant nor production of cellulosic fibers in North Korea.

Production and producing capacity by country, divided as between rayon and acetate yarn, is given on page 134. Also note page 135 for data on production of acetate staple and cigarette tow.

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1981			1982			1983			1984			1985		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
34.4	237.9	272.3	30.4	222.2	252.6	25.4	241.8	267.2	*36.4*	*245.8*	*282.2*	*36.4*	*249.1*	*285.5*
84.4	32.2	116.6	84.0	19.6	103.6	90.6	13.4	104.0	*96.8*	*39.2*	*136.0*	*96.8*	*39.2*	*136.0*
0	102.7	102.7	0	117.1	117.1	0	127.0	127.0	*0*	*134.5*	*134.5*	*0*	*127.0*	*127.0*
24.3	94.6	118.9	18.9	81.3	100.2	18.5	65.0	83.5	*22.0*	*0*	*22.0*	*22.0*	*0*	*22.0*
143.3	110.2	253.5	134.5	110.2	244.7	130.1	121.3	251.4	*149.9*	*121.3*	*271.2*	*149.9*	*121.3*	*271.2*
15.9	0	15.9	15.9	0	15.9	13.9	0	13.9	*16.4*	*0*	*16.4*	*16.4*	*0*	*16.4*
77.4	53.8	131.2	69.7	31.3	101.0	64.6	0	64.6	*77.2*	*0*	*77.2*	*90.4*	*0*	*90.4*
0	62.6	62.6	0	44.1	44.1	0	0	0	*0*	*0*	*0*	*0*	*0*	*0*
6.4	0.7	7.1	6.8	0	6.8	7.7	0	7.7	*8.8*	*0*	*8.8*	*8.8*	*0*	*8.8*
27.8	83.3	111.1	24.9	70.1	95.0	23.1	47.4	70.5	*37.7*	*77.2*	*114.9*	*37.7*	*77.2*	*114.9*
0	76.5	76.5	0	83.8	83.8	0	86.6	86.6	*0*	*99.2*	*99.2*	*0*	*99.2*	*99.2*
+	0	+	0	0	0	0	0	0	*0*	*0*	*0*	*0*	*0*	*0*
0.7	11.0	11.7	0.7	11.7	12.4	0.7	8.8	9.5	*1.1*	*17.6*	*18.7*	*1.1*	*17.6*	*18.7*
59.5	225.7	285.2	52.9	196.6	249.5	55.1	254.0	309.1	*79.4*	*254.6*	*334.0*	*79.4*	*254.6*	*334.0*
474.1	**1091.2**	**1565.3**	**438.7**	**988.0**	**1426.7**	**429.7**	**965.3**	**1395.0**	***525.7***	***989.4***	***1515.1***	***538.9***	***985.2***	***1524.1***
9.5	76.5	86.0	8.8	75.0	83.8	9.0	55.1	64.1	*11.0*	*92.6*	*103.6*	*11.0*	*92.6*	*103.6*
40.1	79.4	119.5	43.2	78.3	121.5	44.3	83.6	127.9	*55.1*	*125.7*	*180.8*	*55.1*	*125.7*	*180.8*
81.6	291.0	372.6	75.0	281.7	356.7	77.1	286.8	363.9	*84.9*	*319.7*	*404.6*	*84.9*	*335.1*	*420.0*
0	16.5	16.5	0	16.7	16.7	0	14.1	14.1	*0*	*22.0*	*22.0*	*0*	*22.0*	*22.0*
43.0	97.9	140.9	42.5	99.4	141.9	40.1	112.9	153.0	*69.4*	*157.6*	*227.0*	*69.4*	*157.6*	*227.0*
21.2	121.2	142.4	18.1	110.2	128.3	18.7	112.4	131.1	*22.0*	*121.3*	*143.3*	*22.0*	*374.8*	*396.8*
661.4	761.7	1423.1	649.0	750.7	1399.7	661.4	760.6	1422.0	*749.6*	*778.2*	*1527.8*	*749.6*	*778.2*	*1527.8*
33.1	127.9	161.0	28.7	121.2	149.9	30.9	127.9	158.8	*37.5*	*132.3*	*169.8*	*37.5*	*132.3*	*169.8*
889.9	**1572.1**	**2462.0**	**865.3**	**1533.2**	**2398.5**	**881.5**	**1553.4**	**2434.9**	***1029.5***	***1749.4***	***2778.9***	***1029.5***	***2018.3***	***3047.8***
1364.0	**2663.3**	**4027.3**	**1304.0**	**2521.2**	**3825.2**	**1311.2**	**2518.7**	**3829.9**	***1555.2***	***2738.8***	***4294.0***	***1568.4***	***3003.5***	***4571.9***

TABLE 5B: WORLD CELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY (continued)

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1977			1978			1979			1980		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	**352.7**	**535.1**	**887.8**	**362.9**	**541.7**	**904.6**	**373.5**	**556.4**	**929.9**	**355.6**	**450.4**	**806.0**
OTHER AMERICAS												
Argentina	12.1	12.6	24.7	9.7	8.4	18.1	11.2	10.4	21.6	4.4	3.3	7.7
Brazil	63.5	47.8	111.3	53.1	49.4	102.5	53.8	56.2	110.0	57.3	55.8	113.1
Canada	24.2	57.8	82.0	27.1	59.1	86.2	31.1	69.0	100.1	30.9	66.1	97.0
Chile	2.0	6.4	8.4	1.8	7.3	9.1	2.2	6.6	8.8	2.2	6.6	8.8
Colombia	7.3	0	7.3	7.5	0	7.5	7.5	0	7.5	5.3	0	5.3
Cuba	5.3	8.1	13.4	5.0	8.2	13.2	5.3	8.4	13.7	4.8	8.4	13.2
Mexico	41.2	19.4	60.6	37.9	23.1	61.0	37.7	22.7	60.4	37.0	24.2	61.2
Peru	2.9	0	2.9	2.4	0	2.4	2.9	0	2.9	3.3	0	3.3
Uruguay	2.6	0	2.6	2.9	0	2.9	3.1	0	3.1	2.9	0	2.9
Venezuela	6.6	0	6.6	6.6	0	6.6	6.6	0	6.6	6.2	0	6.2
Total Other Americas	**167.7**	**152.1**	**319.8**	**154.0**	**155.5**	**309.5**	**161.4**	**173.3**	**334.7**	**154.3**	**164.4**	**318.7**
JAPAN	**236.8**	**601.6**	**838.4**	**242.1**	**616.0**	**858.1**	**252.0**	**640.2**	**892.2**	**263.0**	**612.9**	**875.9**
OTHER AFRICA, ASIA & OCEANIA												
Bangladesh	3.1	0	3.1	6.6	0	6.6	9.0	0	9.0	7.7	0	7.7
China, People's Republic of	134.5	169.8	304.3	143.3	176.4	319.7	149.9	187.4	337.3	165.3	209.4	374.7
Egypt	13.7	5.3	19.0	13.2	8.1	21.3	12.8	9.3	22.1	13.2	8.8	22.0
India	129.8	192.0	321.8	137.6	202.8	340.4	133.4	203.3	336.7	127.2	164.7	291.9
Indonesia	0	0	0	0	0	0	0	0	0	0	0	0
Iraq	6.2	11.7	17.9	6.6	12.1	18.7	6.4	11.9	18.3	6.6	12.1	18.7
Korea, Republic of	28.2	21.4	49.6	28.0	22.0	50.0	29.1	22.9	52.0	27.3	33.1	60.4
Pakistan	5.7	0	5.7	5.1	0	5.1	4.4	0	4.4	5.9	0	5.9
Taiwan	6.6	146.8	153.4	6.8	147.5	154.3	6.6	154.3	160.9	6.6	166.0	172.6
Thailand	0	23.6	23.6	0	29.8	29.8	0	33.3	33.3	0	36.2	36.2
Total Other A.,A. & O.	**327.8**	**570.6**	**898.4**	**347.2**	**598.7**	**945.9**	**351.6**	**622.4**	**974.0**	**359.8**	**630.3**	**990.1**
WORLD TOTAL	**2583.6**	**4649.3**	**7232.9**	**2572.5**	**4735.5**	**7308.0**	**2593.9**	**4838.8**	**7432.7**	**2560.3**	**4587.5**	**7147.8**

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1981			1982			1983			1984			1985		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
305.6	**464.5**	**770.1**	**228.4**	**354.9**	**583.3**	**254.2**	**374.3**	**628.5**	***330.9***	***509.9***	***840.8***	***330.9***	***509.9***	***840.8***
2.2	0	2.2	3.5	0	3.5	3.8	0	3.8	*22.0*	*22.0*	*44.0*	*22.0*	*22.0*	*44.0*
46.3	55.8	102.1	45.9	53.4	99.3	40.6	48.5	89.1	*55.6*	*68.8*	*124.4*	*55.6*	*68.8*	*124.4*
29.8	62.2	92.0	20.9	61.7	82.6	22.0	66.1	88.1	*32.0*	*83.8*	*115.8*	*32.0*	*83.8*	*115.8*
2.2	6.6	8.8	2.2	7.0	9.2	2.2	7.0	9.2	*4.4*	*11.9*	*16.3*	*4.4*	*11.9*	*16.3*
4.0	0	4.0	3.9	0	3.9	4.0	0	4.0	*7.7*	*0*	*7.7*	*7.7*	*0*	*7.7*
4.8	8.4	13.2	4.6	7.9	12.5	4.4	7.7	12.1	*6.6*	*11.0*	*17.6*	*6.6*	*11.0*	*17.6*
36.6	24.9	61.5	31.1	11.9	43.0	23.8	11.0	34.8	*32.4*	*22.5*	*54.9*	*32.4*	*22.5*	*54.9*
2.9	0	2.9	2.2	0	2.2	2.2	0	2.2	*3.7*	*0*	*3.7*	*3.7*	*0*	*3.7*
2.2	0	2.2	1.3	0	1.3	2.2	0	2.2	*3.1*	*0*	*3.1*	*3.1*	*0*	*3.1*
6.2	0	6.2	2.6	0	2.6	3.3	0	3.3	*5.3*	*0*	*5.3*	*5.3*	*0*	*5.3*
137.2	**157.9**	**295.1**	**118.2**	**141.9**	**260.1**	**108.5**	**140.3**	**248.8**	***172.8***	***220.0***	***392.8***	***172.8***	***220.0***	***392.8***
261.7	**602.9**	**864.6**	**265.6**	**570.5**	**836.1**	**257.5**	**590.6**	**848.1**	***299.8***	***692.9***	***992.7***	***299.8***	***692.9***	***992.7***
6.6	0	6.6	5.5	0	5.5	5.5	2.2	7.7	*11.9*	*11.0*	*22.9*	*11.9*	*11.0*	*22.9*
176.4	231.5	407.9	176.4	231.5	407.9	187.4	246.9	434.3	*220.5*	*286.6*	*507.1*	*220.5*	*286.6*	*507.1*
13.2	8.8	22.0	15.4	9.9	25.3	15.4	10.1	25.5	*15.4*	*11.9*	*27.3*	*15.4*	*11.9*	*27.3*
123.2	208.3	331.5	107.1	116.4	223.5	101.9	152.6	254.5	*153.2*	*202.8*	*356.0*	*153.2*	*365.5*	*518.7*
0	0	0	0	22.3	22.3	0	26.5	26.5	*0*	*79.4*	*79.4*	*0*	*79.4*	*79.4*
6.6	12.1	18.7	6.6	12.1	18.7	6.6	12.1	18.7	*7.7*	*14.3*	*22.0*	*7.7*	*14.3*	*22.0*
28.2	30.6	58.8	21.8	12.8	34.6	28.4	0	28.4	*30.4*	*59.5*	*89.9*	*30.4*	*59.5*	*89.9*
5.3	0	5.3	4.0	0	4.0	5.5	0	5.5	*7.3*	*0*	*7.3*	*7.3*	*0*	*7.3*
6.6	213.2	219.8	7.3	197.3	204.6	6.6	217.2	223.8	*9.5*	*219.1*	*228.6*	*9.5*	*219.1*	*228.6*
0	36.1	36.1	0	34.2	34.2	0	38.6	38.6	*0*	*40.1*	*40.1*	*0*	*40.1*	*40.1*
366.1	**740.6**	**1106.7**	**344.1**	**636.5**	**980.6**	**357.3**	**706.2**	**1063.5**	***455.9***	***924.7***	**1380.6**	***455.9***	***1087.4***	***1543.3***
2434.6	**4629.2**	**7063.8**	**2260.3**	**4225.0**	**6485.3**	**2288.7**	**4330.1**	**6618.8**	**2814.6**	**5086.3**	**7900.9**	***2827.8***	***5513.7***	***6341.5***

TABLE 6: RAYON VS. ACETATE FILAMENT YARN PRODUCTION BY COUNTRY

MILLION POUNDS

	WEST EUROPE																			
	AUSTRIA		BELGIUM/ NETHERLANDS			FRANCE		WEST GERMANY			ITALY			SPAIN			UNITED KINGDOM			OTH-ER[a]
YEAR	H	R	H	R	A	H	R	H	R+C	A	H	R+C	A	H	R	A	H	R	A	R
1977	20	8	38	31	11	18	28	84	53	4	24	34	39	15	13	4	37	27	76	34
1978	18	7	34	32	13	20	22	77	51	4	24	25	36	13	11	6	34	22	77	34
1979	18	9	30	34	15	21	20	72	51	4	24	20	41	11	11	7	25	22	82	33
1980	25	9	35	35	13	15	20	88	54	2	24	11	45	13	10	7	2	4	76	26
1981	25	9	35	36	13	4	20	86	55	2	23	11	42	11	11	7	0	0	60	24
1982	19	11	35	35	13	0	19	88	49	0	22	8	42	9	9	7	0	0	53	20
1983	18	9	40	37	15	0	19	86	45	0	22	4	40	7	9	7	0	0	55	20
PRODUCING CAPACITY																				
1984	*24*	*11*	*42*	*37*	*18*	*0*	*22*	*95*	*55*	*0*	*26*	*7*	*44*	*20*	*11*	*9*	*0*	*0*	*79*	*26*
1985	*24*	*11*	*42*	*37*	*18*	*0*	*22*	*95*	*55*	*0*	*26*	*20*	*44*	*20*	*11*	*9*	*0*	*0*	*79*	*26*

	W. EUROPE *(cont.)*			EAST EUROPE														
	TOTAL WEST EUROPE			BUL-GARIA	CZECHO-SLOVAKIA		GERMAN DEM. REP.		POLAND		ROMANIA		U.S.S.R.			YUGO-SLAVIA	TOTAL EAST EUROPE		
YEAR	H	R+C	A	R	H	R	H	R	H	R	H	R	H	R+C	A	R	H	R+C	A
1977	236	228	134	7	21	27	29	50	17	46	13	7	364	177	110	15	18	459	332	110
1978	220	204	136	7	22	25	29	46	18	44	13	8	364	177	121	15	18	461	325	121
1979	201	200	149	7	22	26	29	48	16	44	13	8	360	177	121	15	19	455	329	121
1980	202	169	143	7	20	24	30	51	15	41	13	8	364	187	121	15	18	457	336	121
1981	184	166	124	9	18	22	31	51	10	33	13	8	364	177	121	15	18	451	318	121
1982[a]	173	151	115	9	18	25	29	46	9	33	11	7	349	176	119	14	15	430	311	119
1983	173	143	117	9	18	25	31	49	9	31	11	7	357	184	121	15	15	441	320	121
PRODUCING CAPACITY																				
1984	*207*	*169*	*150*	*11*	*24*	*31*	*31*	*53*	*20*	*51*	*13*	*9*	*375*	*220*	*154*	*18*	*20*	*481*	*395*	*154*
1985	*207*	*182*	*150*	*11*	*24*	*31*	*31*	*53*	*20*	*51*	*13*	*9*	*375*	*220*	*154*	*18*	*20*	*481*	*395*	*154*

	OTHER AMERICAS																		
	U.S.A.			ARGENTINA			BRAZIL			CAN-ADA	CHILE	COL-OMBIA	CUBA		MEXICO			PERU		URU-GUAY
YEAR	H	R+C	A	H	R	A	H	R	A	A	R	A	H	R	H	R	A	R	A	A
1977	55	16	282	2	8	2	25	26	13	24	2	7	5	+	6	15	20	2	1	3
1978	46	15	302	2	6	2	18	27	8	27	2	7	5	+	6	13	19	+	2	3
1979	42	15	316	3	6	2	16	31	7	31	2	7	5	+	7	13	18	+	3	3
1980	31	15	310	2	2	+	13	36	9	31	2	5	5	+	7	13	17	+	3	3
1981	33	15	258	0	+	2	10	29	7	30	2	4	5	+	7	13	17	+	3	2
1982	20	12	185	0	0	2	9	33	4	21	2	4	5	+	7	11	13	0	2	1
1983	15	11	227	0	0	4	8	31	2	21	2	4	5	+	7	4	13	0	2	2
PRODUCING CAPACITY																				
1984	*46*	*15*	*269*	*2*	*11*	*7*	*11*	*35*	*11*	*31*	*4*	*9*	*7*	*+*	*7*	*7*	*20*	*0*	*4*	*2*
1985	*46*	*15*	*269*	*2*	*11*	*7*	*11*	*35*	*11*	*31*	*4*	*9*	*7*	*+*	*7*	*7*	*20*	*0*	*4*	*2*

	OTHER AMERICAS *(cont.)*				OTHER AFRICA, ASIA & OCEANIA															
	VENE-ZUELA	TOTAL OTHER AMERICAS			JAPAN			INDIA			PAKI-STAN	REP. OF KOREA		OTH-ER[b]	TOTAL OTHER A,A & O			WORLD TOTAL		
YEAR	A	H	R	A	H	R+C	A	H	R	A	A	R	A	R	H	R	A	H	R+C	A
1977	7	38	53	77	9	163	65	38	88	4	6	24	4	163	38	275	14	835	1067	682
1978	7	31	48	75	9	172	61	39	95	4	5	24	4	175	39	294	13	806	1058	708
1979	7	31	52	78	7	177	66	36	93	4	4	25	4	187	36	305	12	772	1078	744
1980	6	27	53	74	7	185	71	31	92	4	6	22	4	199	31	313	14	755	1072	733
1981	6	22	44	71	9	182	71	31	88	4	5	24	4	209	31	321	13	730	1046	658
1982	6	21	46	53	9	184	75	31	84	4	5	18	4	209	31	311	13	684	1015	561
1983	2	20	37	50	7	181	70	24	79	4	7	24	4	214	24	317	15	680	1009	600
PRODUCING CAPACITY																				
1984	*4*	*27*	*57*	*88*	*22*	*203*	*75*	*46*	*101*	*7*	*7*	*26*	*4*	*266*	*46*	*393*	*18*	*829*	*1232*	*754*
1985	*4*	*27*	*57*	*88*	*22*	*203*	*75*	*46*	*101*	*7*	*7*	*26*	*4*	*266*	*46*	*393*	*18*	*829*	*1232*	*754*

H Means high tenacity (tire & industrial type) viscose rayon yarn.
R Means regular+intermediate tenacity viscose rayon yarn.
C Means cuprammonium rayon yarn.
A Means acetate+triacetate yarn.

a. Comprises Finland, Greece, Portugal, Switzerland and Turkey.
b. Comprises Bangladesh, People's Republic of China, Egypt, Iraq and Taiwan.

TABLE 7: WORLD GLASS FIBER PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS

COUNTRY	PRODUCTION							CAPACITY	
	1977	1978	1979	1980	1981	1982	1983	*1984*	*1985*
WEST EUROPE	644	670	683	661	611	551	639	*816*	*816*
EAST EUROPE[a]								*110*	*110*
U.S.A.	787	924	1014	866	1041	899	1168	*1678*	*1839*
OTHER AMERICAS	57	59	62	66	68	77	82	*132*	*132*
JAPAN	280	322	392	368	384	436	454	*525*	*573*
OTHER A,A & O[b]	29	26	26	29	31	26	31	*68*	*68*
TOTAL ABOVE	**1797**	**2001**	**2177**	**1990**	**2135**	**1989**	**2374**	***3329***	***3538***
CHINA P.R.C.	DATA ARE NOT AVAILABLE					66	66	*110*	*110*
U.S.S.R.						143	143	*220*	*220*

Glass fiber is defined on page 94 of the June 1984 issue. The glass fiber producing capacity, in operable condition, is shown on an annual rate basis as of March 1984 (1984) and December 1985 (1985).

a. The data for East Europe do not include estimates for the U.S.S.R.

b. The Other Africa, Asia & Oceania countries are Australia, India and South Africa.

TABLE 8: ESTIMATED WORLD CIGARETTE TOW PRODUCTION

MILLION POUNDS

AREA	1977	1978	1979	1980	1981	1982	1983
EUROPE[a]	148	168	163	163	178	178	176
U.S.A.	382	397	439	485	498	476	465
OTHER AMERICAS[b]							
ASIA[c]	86	88	90	90	93	93	95
WORLD TOTAL	**616**	**653**	**692**	**738**	**769**	**747**	**736**

a. Belgium, Fed. Rep. of Germany, U.S.S.R. & United Kingdom.

b. Brazil, Canada, Colombia, Mexico & Venezuela.

c. Japan and Rep. of Korea.

TABLE 9: WORLD ACETATE STAPLE PRODUCTION & CAPACITY

MILLION POUNDS

COUNTRY	PRODUCTION							CAPACITY	
	1977	1978	1979	1980	1981	1982	1983	*1984*	*1985*
U.K.	1.5	1.1	1.1	0.7	0.4	0.4	0.4	*1.1*	*1.1*
U.S.A.	8.0	7.0	7.0	7.0	4.0	1.1	1.3	*4.0*	*4.0*
CANADA	3.7	1.3	0	0	0	0	0	*0*	*0*
INDIA	0.4	0.9	0.9	0.2	0.7	0.7	0.4	*1.8*	*1.8*
WORLD TOTAL	**13.6**	**10.3**	**9.0**	**7.9**	**5.1**	**2.2**	**2.1**	***6.9***	***6.9***

TABLE 10: WORLD OLEFIN FIBER PRODUCTION

MILLION POUNDS

COUNTRY	1977	1978	1979	1980	1981	1982	1983
WEST EUROPE							
BENELUX	90	108	123	126	145	161	165
DENMARK	27	31	33	31	31	29	31
FRANCE	57	66	53	59	62	57	64
GERMANY, F.R.	113	115	126	117	123	121	134
IRELAND (EIRE)	13	11	13	20	20	18	20
ITALY	117	130	135	126	137	130	148
UNITED KINGDOM	174	176	181	176	179	167	176
SUBTOTAL EEC	**591**	**637**	**664**	**655**	**697**	**683**	**738**
AUSTRIA	33	39	41	39	37	42	44
FINLAND	7	7	7	7	7	7	9
GREECE/CYPRUS	17	20	22	20	20	20	22
NORWAY	7	7	9	9	9	9	11
PORTUGAL	59	86	84	88	84	84	86
SPAIN	77	79	81	84	84	79	79
SWEDEN	7	7	7	7	7	7	9
SWITZERLAND	7	7	7	7	7	7	9
TURKEY	11	13	11	11	11	11	13
TOTAL WEST EUROPE	**816**	**902**	**933**	**927**	**963**	**949**	**1020**
EAST EUROPE							
CZECHOSLOVAKIA	26	24	26	24	24	24	26
HUNGARY	18	22	29	33	35	35	35
POLAND	29	31	29	31	33	26	33
U.S.S.R.	26	26	33	33	33	29	40
U.S.A.							
YARN+MONOFIL	304	315	333	324	320	295	392
STAPLE	79	95	119	113	141	139	190
FILM FIBER	249	282	306	309	326	289	317
OTHER AMERICAS							
ARGENTINA	22	24	24	22	22	24	26
BRAZIL	73	88	86	88	88	86	79
CANADA	70	68	71	66	66	62	70
CHILE	0	2	2	2	2	2	2
EL SALVADOR, GUATEMALA, HONDURAS	4	4	4	4	4	4	7
MEXICO	37	40	44	48	51	51	57
NICARAGUA	2	2	2	2	2	2	2
PERU	11	11	11	11	13	13	13
URUGUAY	4	2	2	2	4	2	4
JAPAN							
YARN+MONOFIL	33	35	40	35	31	31	31
STAPLE	55	60	64	60	57	62	64
FILM FIBER	99	NA	NA	NA	NA	NA	NA
OTHER AFRICA, ASIA & OCEANIA							
AUSTRALIA	37	40	44	44	44	42	46
KOREA, REP. OF	13	15	18	9	7	4	2
PHILIPPINES	2	4	4	4	4	7	7
SOUTH AFRICA	20	7	7	7	7	7	11
TAIWAN	88	97	101	110	117	123	132
OTHER	+	+	+	+	+	+	2

The olefin data shown comprise (a) the tonnages of yarn, monofilaments and staple plus film fiber reported by official sources, such as governments, trade associations or other statistical agents plus (b) estimates of the additional tonnages of olefin fiber not included in the aforementioned data. Note text on page 115 of the June ***Organon.***

No attempt is made to strike a world total inasmuch as data are incomplete for a number of countries, particularly in Latin America, East Europe and Other Africa, Asia & Oceania.

TABLE 11: U.S. PRODUCTION OF HOSIERY, 1970-1983
MILLION DOZEN PAIRS

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
WOMEN'S														
PANTYHOSE - SHEER	81.7	60.7	76.0	68.9	54.4	51.6	55.1	47.6	44.6	55.3	57.3	59.6	58.5	64.0
- ELASTOMER	6.7	4.8	2.3	3.8	4.7	8.6	13.8	19.4	27.7	33.2	36.7	42.5	43.2	47.6
- OTHER[a]			2.6	2.3	0.9	0.9	1.5	1.7	1.6	2.4	2.0	2.4	3.4	5.0
SUBTOTAL PANTYHOSE	**88.4**	**65.5**	**80.9**	**75.0**	**60.0**	**61.3**	**70.4**	**68.7**	**73.9**	**90.9**	**96.0**	**104.5**	**105.1**	**116.6**
STOCKINGS - NONSTRETCH	23.4	14.1	8.5	7.7	5.9	4.5	3.7	3.0	2.6	2.4	2.0	1.8	1.5	1.5
- STRETCH	9.5	11.0	7.1	6.6	6.1	3.5	2.8	2.4	2.8	2.7	2.4	2.1	2.4	2.7
- SUPPORT	1.8	1.3	0.9	0.8	0.8	0.7	0.9	1.0	1.0	0.7	0.7	0.6	0.5	0.6
- OTHER	1.6	1.1	0.7	0.5	0.4	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	+
SUBTOTAL STOCKINGS	**36.3**	**27.5**	**17.2**	**15.6**	**13.2**	**8.8**	**7.5**	**6.6**	**6.5**	**6.0**	**5.2**	**4.6**	**4.5**	**4.8**
SHEER KNEE-HIGHS & ANKLETS	1.0	2.1	4.6	9.3	15.5	27.6	35.9	35.3	30.5	44.8	38.4	42.6	38.1	40.3
TOTAL WOMEN'S	**125.7**	**95.1**	**102.7**	**99.9**	**88.7**	**97.7**	**113.8**	**110.6**	**110.9**	**141.7**	**139.6**	**151.7**	**147.7**	**161.7**
MEN'S (sizes 10 and up)														
ANKLETS & FOOTSOCKS	54.1	49.7	52.9	52.9	53.9	51.2	51.5	50.7	51.7	43.7	27.9	27.8	27.1	27.2
MID CALF	5.7	6.1	6.9	6.8	6.1	6.3	7.7	9.5	11.3	12.5	17.4	19.9	17.3	17.8
KNEE-HIGHS	4.4	3.9	3.7	4.0	4.2	5.7	6.8	9.1	13.4	16.0	17.8	20.7	17.6	21.5
TOTAL MEN'S	**64.2**	**59.7**	**63.5**	**63.7**	**64.2**	**63.2**	**66.0**	**69.3**	**76.4**	**72.2**	**63.1**	**68.4**	**62.0**	**66.5**
GIRLS', BOYS' & WOMEN'S (sizes 8-11)														
ANKLETS	20.4	21.4	21.3	22.2	20.7	20.7	21.3	20.3	18.5	19.6	12.5	14.6	11.9	17.3
KNEE-HIGHS	10.4	11.9	14.2	15.0	16.1	16.8	19.4	21.9	20.6	22.1	24.3	29.8	23.4	25.7
MID-CALF/CREW	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1	4.5	4.0	4.9
WAIST-HIGHS											0.3	0.5	0.5	0.5
FOOTSOCKS	2.8	2.7	4.5	4.0	4.6	4.4	5.7	6.8	7.6	6.7	8.6	9.4	6.5	5.8
TOTAL GIRLS', BOYS' & WOMEN'S	**33.6**	**36.0**	**40.0**	**41.2**	**41.4**	**41.9**	**46.4**	**49.0**	**46.7**	**48.4**	**48.8**	**58.8**	**46.3**	**54.2**
INFANTS' & CHILDREN'S (sizes 3-8½)														
ANKLETS	15.3	15.6	17.3	17.9	17.3	17.3	21.3	21.4	22.1	22.1	19.3	20.5	16.1	16.5
KNEE-HIGHS	4.2	3.8	3.6	4.1	4.2	4.1	5.5	6.1	6.4	8.5	6.6	7.7	6.7	6.9
MID-CALF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	1.2	1.4	1.4
WAIST-HIGHS & FOOTSOCKS	1.1	0.7	0.8	0.6	0.6	0.6	0.9	1.0	1.3	1.6	1.6	1.8	1.6	2.2
TOTAL INFANTS' & CHILDREN'S	**20.6**	**20.1**	**21.7**	**22.6**	**22.1**	**22.0**	**27.7**	**28.5**	**29.8**	**32.2**	**28.8**	**31.2**	**25.8**	**27.0**
TOTAL HOSIERY	**244.1**	**210.9**	**227.9**	**227.4**	**216.4**	**224.8**	**253.9**	**257.4**	**263.8**	**294.5**	**280.3**	**310.1**	**281.8**	**309.4**

SOURCE: National Association of Hosiery Manufactures - ***1983 Hosiery Statistics.***

\+ means nominal poundage

a. Includes opaque hosiery, which is defined as hosiery knit on 370 needles or more, using leg yarn 30 denier or coarser.

TABLE 12: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	4TH Q 1982			1ST Q 1983			2ND Q 1983			3RD Q 1983			4TH Q 1983			1ST Q 1984		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
CELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	1.3	4.2	2.9 E	2.0	5.1	3.1 E	2.0	3.4	1.4 E	2.6	3.8	1.2 E	2.1	3.4	1.3 E	2.7	4.4	1.7 E
STAPLE+TOW[b]	2.8	19.9	17.1 E	2.3	8.6	6.3 E	4.1	18.7	14.6 E	3.5	9.2	5.7 E	3.8	6.7	2.9 E	4.9	16.1	11.2 E
WASTE	0	0.5	0.5 E	+	0.4	0.4 E	0.1	0.2	0.1 E	+	0.2	0.2 E	0.1	0.6	0.5 E	0.1	0.9	0.8 E
SUBTOTAL ABOVE	**4.1**	**24.6**	**20.5 E**	**4.3**	**14.1**	**9.8 E**	**6.2**	**22.3**	**16.1 E**	**6.1**	**13.2**	**7.1 E**	**6.0**	**10.7**	**4.7 E**	**7.7**	**21.4**	**13.7 E**
NONCELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	7.8	59.8	52.0 E	9.1	64.4	55.3 E	11.2	61.3	50.1 E	11.3	50.6	39.3 E	16.8	50.4	33.6 E	22.8	57.7	34.9 E
STAPLE+TOW	15.4	89.8	74.4 E	18.8	88.6	69.8 E	24.2	88.8	64.6 E	21.6	60.4	38.8 E	36.8	73.9	37.1 E	34.6	94.5	59.9 E
WASTE	7.8	20.0	12.2 E	9.0	18.0	9.0 E	10.8	16.3	5.5 E	12.3	16.7	4.4 E	13.7	20.3	6.6 E	12.8	19.7	6.9 E
SUBTOTAL ABOVE	**31.0**	**169.6**	**138.6 E**	**36.9**	**171.0**	**134.1 E**	**46.2**	**166.4**	**120.2 E**	**45.2**	**127.7**	**82.5 E**	**67.3**	**144.6**	**77.3 E**	**70.2**	**171.9**	**101.7 E**
TOTAL FIBER ABOVE[c]	**35.1**	**194.2**	**159.1 E**	**41.2**	**185.1**	**143.9 E**	**52.4**	**188.7**	**136.3 E**	**51.3**	**140.9**	**89.6 E**	**73.3**	**155.3**	**82.0 E**	**77.9**	**193.3**	**115.4 E**
MAN-MADE FIBER MANUFACTURES[d]																		
SLIVER, TOPS & ROVING	0.4	1.1	**0.7 E**	1.4	1.1	0.3 I	1.5	1.0	0.5 I	1.2	1.1	0.1 I	0.8	1.3	0.5 E	2.0	1.7	0.3 I
SPUN YARNS	9.4	5.9	3.5 I	7.8	2	0.6 I	10.2	7.6	2.6 I	12.9	5.5	7.4 I	10.9	5.5	5.4 I	12.2	5.7	6.5 I
THREAD & CRAFT YARNS	0.7	1.3	0.6 E	0.8	1.3	0.5 E	0.8	1.4	0.6 E	0.7	1.1	0.4 E	1.1	1.3	0.2 E	1.7	2.0	0.3 E
TIRE CORD & FABRIC	0.7	5.3	4.6 E	0.6	4.4	3.8 E	0.5	5.2	4.7 E	+	6.8	6.8 E	0.1	6.8	6.7 E	0.1	7.6	7.5 E
WOVEN FABRIC	21.4	33.9	12.5 E	25.1	28.3	3.2 E	34.9	29.0	5.9 I	33.6	25.5	8.1 I	29.6	25.8	3.8 I	36.5	24.7	11.8 I
KNIT FABRIC	0.5	4.3	3.8 E	0.5	3.5	3.0 E	0.5	3.5	3.0 E	0.5	3.7	3.2 E	0.7	3.5	2.8 E	0.7	3.3	2.6 E
NARROW FABRICS	2.0	6.1	4.1 E	3.7	5.1	1.4 E	3.2	6.4	3.2 E	3.0	7.6	4.6 E	2.9	6.5	3.6 E	3.3	6.0	2.7 E
APPAREL - KNIT	47.4	14.5	97.5 I	48.0	17.6	105.2 I	64.5	17.0	126.1 I	77.3	17.6	157.6 I	51.5	18.7	114.5 I	58.6	20.4	147.2 I
- NOT KNIT	64.6			74.8			78.6			97.9			81.7			109.0		
HOME FURNISHINGS[e]	16.0	14.7	12.0 E	23.2	15.7	7.3 E	28.7	36.5	22.3 E	30.1	27.3	11.7 E	39.2	25.5	0	43.0	25.9	2.1 I
OTHER		13.3			14.8			14.5			14.5			13.7			15.0	
TOTAL MANUFACTURES	**163.1**	**100.4**	**62.7 I**	**185.9**	**99.0**	**86.9 I**	**223.4**	**122.1**	**101.3 I**	**257.2**	**110.7**	**146.5 I**	**218.5**	**108.6**	**109.9 I**	**267.1**	**112.3**	**154.8 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**198.2**	**294.6**	**96.4 E**	**227.1**	**284.1**	**57.0 E**	**275.8**	**310.8**	**35.0 E**	**308.5**	**251.6**	**56.9 I**	**291.8**	**263.9**	**27.9 I**	**345.0**	**305.6**	**39.4 I**
COTTON MANUFACTURES[f]	**214.4**	**55.6**	**158.8 I**	**273.8**	**56.0**	**217.8 I**	**265.2**	**55.6**	**209.6 I**	**305.2**	**51.9**	**253.3 I**	**282.4**	**55.4**	**227.0 I**	**386.2**	**51.2**	**335.0 I**
WOOL MANUFACTURES[g]	**23.9**	**2.5**	**21.4 I**	**25.0**	**10.8**	**14.2 I**	**35.5**	**13.5**	**22.0 I**	**49.8**	**5.8**	**44.0 I**	**35.7**	**6.1**	**29.6 I**	**41.9**	**6.1**	**35.8 I**

SOURCES: The man-made fiber import and export data are from the U.S. Bureau of the Census. The man-made, cotton and wool manufactures data are from *Cotton and Wool Outlook & Situation*, a publication of the U.S. Department of Agriculture.

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance
I is a net import balance.
b. Acetate tow is excluded.
c. The fibers included are shown as "Total Man-Made Fiber Above" on pages 75 and 79 of the May 1984 Organon.
d. Man-made fiber equivalent.
e. These import data do not reflect significant poundages of luggage. For May-December 1982 this poundage totaled 109.1 million pounds. For 1983, on a quarterly basis, the total was 40.0, 41.2, 47.3 and 52.1 million pounds. For first quarter 1984 the total was 62.3 million pounds.
f. Raw cotton equivalent. Data are similar to those on page 140 of this issue.
g. Raw wool content. The data differ from those on page 140 of this issue to the extent that noils and waste are included here.

TABLE 13: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984 JAN	FEB	MAR	APR	MAY	JUNE	5 MONTHS 1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS								
BRAZIL	55	5	0	0	0		60	90
CANADA	42	12	327	45	366		792	758
MEXICO	163	120	55	41	41		420	272
AUSTRIA	0	0	0	0	0		0	936
GERMANY, FED. REP. OF	714	327	396	256	405		2098	550
NETHERLANDS	28	40	40	57	49		214	221
UNITED KINGDOM	0	0	+	0	0		+	63
JAPAN	74	86	62	23	104		349	137
REP. OF KOREA	60	0	40	0	80		180	40
ALL OTHER COUNTRIES[a]	0	1	43	27	27		98	76
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**		**4211**	**3143**
CELLULOSIC STAPLE+TOW								
CANADA	803	884	919	390	568		3564	1994
AUSTRIA	390	70	219	282	189		1150	329
FRANCE	16	18	7	2	0		43	74
SWEDEN	164	432	190	92	402		1280	1127
UNITED KINGDOM	225	81	42	60	136		544	145
JAPAN	116	47	162	134	121		580	836
TAIWAN	0	0	0	0	0		0	96
ALL OTHER COUNTRIES[b]	0	+	0	+	1		1	19
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**		**7162**	**4620**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	1284	1467	1745	2221	1742		8459	3279
MEXICO	1317	1796	1574	1486	1101		7274	1423
FRANCE	224	222	104	133	125		808	750
GERMANY, FED. REP. OF	846	1097	2010	1482	2459		7894	2716
ITALY	199	569	390	407	642		2207	643
NETHERLANDS	54	95	26	17	5		197	133
SPAIN	95	225	2	0	1		323	435
SWITZERLAND	17	101	71	51	9		249	398
UNITED KINGDOM	531	89	366	204	289		1479	1461
ISRAEL	111	72	84	43	148		458	579
JAPAN	1131	1338	1660	1574	1640		7343	4424
REP. OF KOREA	42	55	37	24	13		171	204
TAIWAN	122	+	60	36	109		327	91
SOUTH AFRICA	347	563	112	450	695		2167	0
ALL OTHER COUNTRIES[c]	231	233	75	108	234		881	151
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**		**40237**	**16687**
NONCELLULOSIC STAPLE+TOW								
CANADA	1028	1102	1219	943	1727		6019	2281
COSTA RICA	155	354	237	249	114		1109	91
MEXICO	2812	2217	1451	1342	1629		9451	3213
BELGIUM	32	61	38	41	40		212	116
FRANCE	483	507	834	512	149		2485	3715
GERMANY, FED. REP. OF	1965	1587	2599	2064	2635		10850	6943
ITALY	1182	791	1234	1519	983		5709	5377
NETHERLANDS	88	140	76	63	1		368	232
SWITZERLAND	22	+	113	58	57		250	57
UNITED KINGDOM	1306	1060	1711	1113	1512		6702	5276
AUSTRALIA	0	24	0	0	0		24	91
ISRAEL	45	28	0	30	30		133	112
JAPAN	1334	926	1361	1092	1430		6143	4482
REP. OF KOREA	0	40	62	120	40		262	80
TAIWAN	826	471	1576	1265	941		5079	1738
ROMANIA	138	98	299	488	56		1079	0
SOUTH AFRICA	0	213	0	82	0		295	36
ALL OTHER COUNTRIES[d]	394	88	278	191	53		1004	91
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11397**		**57174**	**33931**

\+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Belgium 27, Italy 1, France 49 and Switzerland 21.

b. Brazil +, Federal Republic of Germany + and Mexico 1.

c. Australia 78, Austria 164, Belgium 62, Brazil 177, Denmark 32, Finland 1, India +, Ireland 35, Morocco 1, Norway 27, Portugal 1, Romania 279 and Sweden 24.

d. Austria 30, Brazil 416, Denmark 61, Finland 37, Honduras 75, Hong Kong 2, Ireland 22, Poland 13, Portugal 41, Spain 25, Sweden 71 and Turkey 211.

TABLE 14: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984 JAN	FEB	MAR	APR	MAY	JUN	5 MONTHS 1984	1983
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0	0	38	79	184		301	206
OTHER	310.0130 & .0230[a]	1136	585	880	359	878		3838	2850
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0		2	+
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10		70	87
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**		**4211**	**3143**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209		6474	4317
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208		688	303
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**		**7162**	**4620**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**69**	**6**	**41**	**38**		**194**	**177**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016		8701	1604
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172		4861	267
- OTHER	310.0114 & .0214	651	604	649	613	837		3354	3148
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928		12188	4785
- POLYESTER	310.0150 & .0250	1328	1658	1618	1504	1707		7815	4649
- OTHER	310.0170 & .0270[b]	202	274	310	281	247		1314	1379
MONOFILAMENTS	309.0200 & .0330[c]	383	325	282	336	243		1569	648
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	90	101	62		435	207
SUBTOTAL ABOVE		**6551**	**7922**	**8316**	**8236**	**9212**		**40237**	**16687**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450		14006	10689
- POLYESTER	309.4342	3115	2489	2224	1816	2156		11800	4127
- ACRYLIC	309.4345	1081	1257	913	1297	1652		6200	4479
- OLEFIN	309.4346	325	76	474	173	184		1232	537
- OTHER	309.4355	1109	969	1627	1551	1219		6475	3705
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033		10204	7269
POLYESTER	309.3040 & .3140	227	593	1026	611	793		3250	287
ACRYLIC	309.3050 & .3150	646	538	978	355	762		3279	2502
OTHER	309.3065 & .3165	115	147	123	195	148		728	336
SUBTOTAL ABOVE		**11810**	**9707**	**13088**	**11172**	**11397**		**57174**	**33931**
WASTE, NOT ADVANCED									
- NYLON	309.6625	2390	4767	2062	1623	1585		12427	8831
- POLYESTER	309.6630	634	810	621	775	458		3298	4306
- ACRYLIC	309.6645	37	1	0	0	0		38	229
- OTHER	309.6660	139	213	452	265	308		1377	1447
NOILS & GARNETTED FIBERS	309.6000 & .7000*	56	62	12	0	15		145	57
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300	179	299	218		1101	1305
SUBTOTAL ABOVE		**3361**	**6153**	**3326**	**2962**	**2584**		**18386**	**16175**
TOTAL MAN-MADE ABOVE		**24612**	**25974**	**27238**	**23820**	**25720**		**127364**	**74733**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0	+	0	0	0		+	0
- NONCELLULOSIC	310.1015[d] & .1109*	1109	1204	1068	968	610		4959	2810
OTHER - CELLULOSIC	310.1030 & .1135[e]	2	12	8	8	14		44	46
- NONCELLULOSIC	310.1050 & .1070[g]	146	84	162	183	517		1092	1192
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	104	52	136	91	186		569	298
- OTHER	310.4015 & .4027[i]	2641	3042	3050	2639	3069		14441	11906
OTHER YARNS - NES, INCL CHENILLE	310.6029 - .8000	121	112	118	46	23		420	1639
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	250	442	318	291		1711	1208
SLIVER, TOPS & ROVING	309.9000	589	756	607	639	381		2972	2280
TEXTILE GLASS FIBER	309.2800 & .2900[j]	2128	2900	2813	1725	2452		12018	8761
GRAND TOTAL ABOVE		**31862**	**34386**	**35642**	**30437**	**33263**		**165590**	**104873**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

\+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 15: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE[a] 1984	1983
TOTAL SHIPMENTS[b]								
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**110.6**	**111.0**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.5	189.1	145.3
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	17.5	16.3
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	402.1	352.7
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.7	186.7	192.2
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.5	158.5	154.5
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	12.5	12.7
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	433.3	518.8
OLEFIN[h]	52.6	56.9	64.1	58.3	62.5	64.4	358.8	352.9
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.9**	**281.8**	**1758.5**	**1745.4**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**204.8**	**181.7**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	430.4	446.5
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	344.6	335.6
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	1109.3	1080.5
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	119.1	86.4
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**2003.4**	**1949.0**
END-OF-MONTH STOCK								
YARN+MONOFILAMENTS								
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**13.1**	**12.2**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	22.4	25.4
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.1	4.7
- CARPET	54.0	58.8	60.4	57.0	60.4	63.9	63.9	40.5
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.5	42.5	36.2
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	18.1	21.2
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	2.3
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	86.7	73.8
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.5	61.5	55.4
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**289.7**	**292.3**	**304.8**	**304.8**	**259.5**
STAPLE+TOW+FIBERFILL								
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**26.2**	**28.9**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	82.2	44.7
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	74.8	60.2
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	199.9	158.6
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	20.0	14.5
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**376.9**	**278.0**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	13.3	15.2	15.0	14.4			57.9	47.4
CARPET CLASS WOOL	0.9	0.8	0.9	1.1			3.7	3.2
TOTAL RAW WOOL	14.2	16.0	15.9	15.5			61.6	50.6
RAW COTTON	246.1	242.7	249.9	226.8	232.5		1198.0	1168.0

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.